

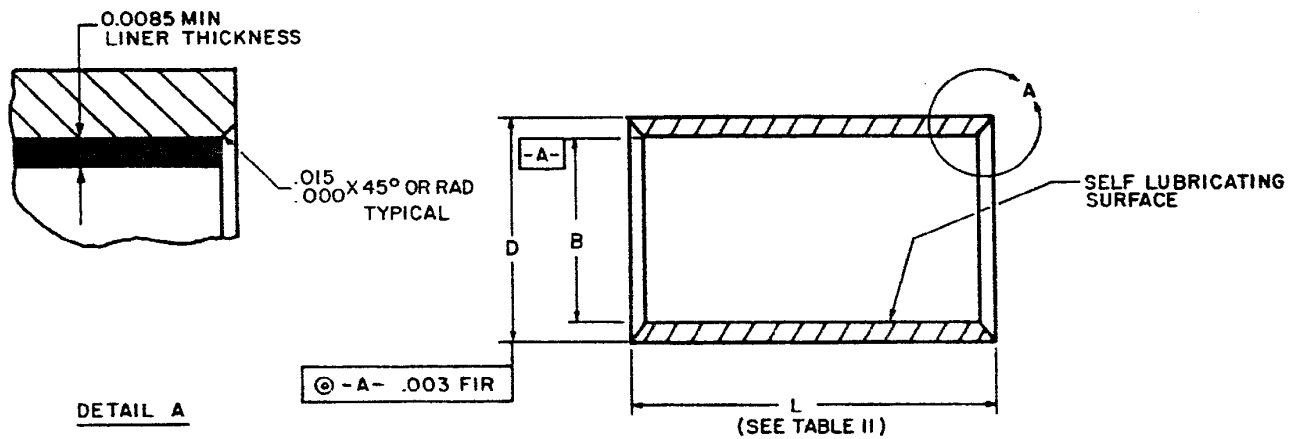
MIL-B-85560/1
15 August 1983

MILITARY SPECIFICATION SHEET

BEARING, FIBER REINFORCED PLASTIC, SLEEVE, PLAIN, SELF-LUBRICATING, +250°F

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the bearing described herein shall consist of this document and the latest issue of MIL-B-85560.



DASH NO.	NOMINAL BORE SIZE	B DIA. +.0000 -.0010	D DIA. +.0005 -.0005
-04	1/4	.2515	.3760
-05	5/16	.3140	.4386
-06	3/8	.3765	.5012
-07	7/16	.4390	.5638
-08	1/2	.5015	.6265
-09	9/16	.5640	.6892
-10	5/8	.6265	.8142
-11	11/16	.6890	.8767
-12	3/4	.7515	.9393
-14	7/8	.8765	1.0645
-16	1	1.0015	1.1898
-18	1-1/8	1.1265	1.3148
-20	1-1/4	1.2515	1.4398
-22	1-3/8	1.3765	1.5648
-24	1-1/2	1.5015	1.7523
-26	1-5/8	1.6265	1.8773
-28	1-3/4	1.7515	2.0023
-32	2	2.0015	2.2523

TABLE I. Dimensions.

FSC 3120

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Material: Composite: Glass or aramid fibers in resin matrix.
 Self-lubricating surface: Tetrafluoroethylene per MIL-B-85560.

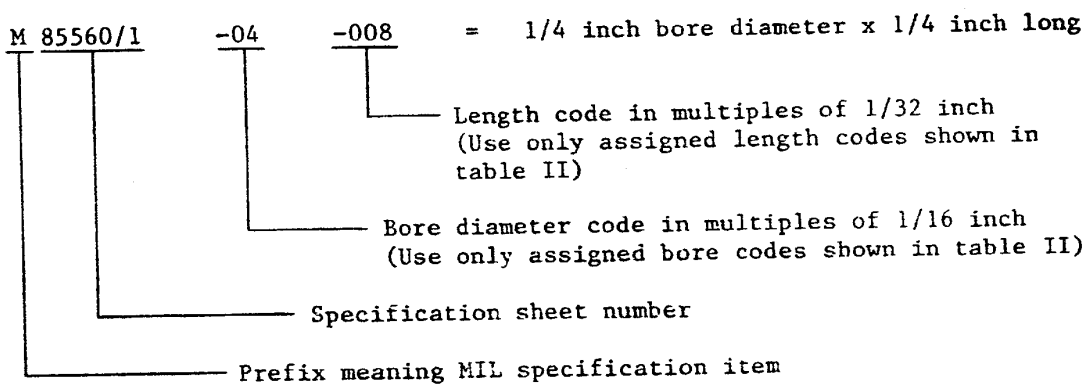
Surface Texture: Unless otherwise specified, smooth machine finish
 R_a 63 micro-inch on O.D., R_a 125 micro-inch on all other
 surfaces in accordance with ANSI B46.1. Surface
 texture of self-lubricating surface is not specified.

Temperature Range: -65°F to $+250^{\circ}\text{F}$.

Break sharp edges and corners and remove all burrs and slivers.

Unless otherwise specified, dimensions in inches.

Example of Part Number:



Marking: For dash number 08 and larger, the military part number shall
 be marked on the part.

Load Ratings:

$$\text{Radial static limit load} = 50,000 \times B \times (L - 0.1) \text{ lb}$$

$$\text{Dynamic radial load} = 25,000 \times B \times (L - 0.1) \text{ lb}$$

Custodians:

Army - AV
 Navy - AS
 Air Force - 11

Preparing Activity:

Navy - AS
 (Project No. 3120-0599)

Review Activities:

Army - AR
 Navy - SH
 Air Force - 99
 DLA - IS

DASH NO.	NOMINAL SIZE	LENGTH L																											
		+ .000 - .010																											
		1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 3/4	3	
-04	1/4	008	009	010	011	012	014																						
-05	5/16	008	009	010	011	012	014	016	018																				
-06	3/8	008	009	010	011	012	014	016	018	020	022																		
-07	7/16	008	009	010	011	012	014	016	018	020	022	024	028																
-08	1/2	008	009	010	011	012	014	016	018	020	022	024	028																
-09	9/16	008	009	010	011	012	014	016	018	020	022	024	028	032	036														
-10	5/8	008	009	010	011	012	014	016	018	020	022	024	028	032	036	040	044												
-11	11/16	008	009	010	011	012	014	016	018	020	022	024	028	032	036	040	044	048	052										
-12	3/4	008	009	010	011	012	014	016	018	020	022	024	028	032	036	040	044	048	052										
-14	7/8	008	009	010	011	012	014	016	018	020	022	024	028	032	036	040	044	048	052	056	060								
-16	1	008	009	010	011	012	014	016	018	020	022	024	028	032	036	040	044	048	052	056	060								
-18	1 1/8			010	011	012	014	016	018	020	022	024	028	032	036	040	044	048	052	056	060	064	068						
-20	1 1/4					012	014	016	018	020	022	024	028	032	036	040	044	048	052	056	060	064	068						
-22	1 3/8					012	014	016	018	020	022	024	028	032	036	040	044	048	052	056	060	064	068						
-24	1 1/2					012	014	016	018	020	022	024	028	032	036	040	044	048	052	056	060	064	068	072	076	080	088		
-26	1 5/8						016	018	020	022	024	028	032	036	040	044	048	052	056	060	064	068	072	076	080	088	096		
-28	1 3/4						016	018	020	022	024	028	032	036	040	044	048	052	056	060	064	068	072	076	080	088	096		
-32	2						016	018	020	022	024	028	032	036	040	044	048	052	056	060	064	068	072	076	080	088	096		

TABLE II. Length codes.

